



PATENT
Attorney Docket No.: SLM-06100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of: |) | Group Art Unit: 2881 |
| Gregory D. Miller et al |) | Examiner: |
| Serial No.: 10/047,550 |) | <u>TRANSMITTAL LETTER</u> |
| Filed: January 15, 2002 |) | 162 N. Wolfe Road |
| For: METHOD FOR DOMAIN |) | Sunnyvale, CA 94086 |
| PATTERNING IN LOW |) | (408) 530-9700 |
| COERCIVE FIELD |) | Customer No.: 28960 |
| FERROELECTRICS |) | |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

Enclosed please find an Information Disclosure Statement and Form PTO-1449 including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

You will also find enclosed the associated Transmittals, Electronic Information Disclosure Statements, and United States Patent and Trademark Office Acknowledgment Receipts for the electronically filed Information Disclosure Statement (EFS ID # 43302); (EFS ID #43303); (EFS ID #43304); (EFS ID #43305); (EFS ID #43307); (EFS ID #43308); (EFS ID #43309); (EFS ID #43311); (EFS ID #43312); (EFS ID #43313); (EFS ID #43314); (EFS ID #43315); (EFS ID #43316); (EFS ID #43317); (EFS ID #43318); and (EFS ID #43319) filed on July 10, 2003.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 7/10/03

By: Thomas B. Haverstock
Thomas B. Haverstock
Reg. No.: 32,571

CERTIFICATE OF MAILING (37 CFR § 1.8(a))
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In re Application of:

Gregory D. Miller et al

Serial No.: 10/047,550

Filed: January 15, 2002

For: **METHOD FOR DOMAIN
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) Group Art Unit: 2881

) Examiner:

) **INFORMATION DISCLOSURE
STATEMENT**

) 162 N. Wolfe Road
) Sunnyvale, CA 94086
) (408) 530-9700

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

United States Patents or Published Patent Applications have been filed electronically (EFS ID # 43302); (EFS ID #43303); (EFS ID #43304); (EFS ID #43305); (EFS ID #43307); (EFS ID #43308); (EFS ID #43309); (EFS ID #43311); (EFS ID #43312); (EFS ID #43313); (EFS ID #43314); (EFS ID #43315); (EFS ID #43316); (EFS ID #43317); (EFS ID #43318); and (EFS ID #43319).

Applicants have become aware of the following printed publication which may be material to the examination of this application:

- U.S. Patent No. Des. 334,557;
- U.S. Patent No. Des. 334,742;
- U.S. Patent No. Des. 337,320;
- U.S. Patent No. Re. 16,767;
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- German Publication No. DE 32 33 195 A1;
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This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,
HAVERSTOCK & OWENS LLP

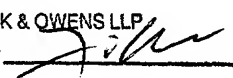
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Applicants: Gregory D. Miller et al

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
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(37 CFR § 1.98(b))

Applicants: Gregory D. Miller et al

Filing Date: January 15, 2002

Group Art Unit: 2881

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| HQ | |
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| HT | |
| HU | |
| HV | |
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| HX | |
| HY | |
| HZ | |
| IA | |
| IB | |

Examiner:

Date Considered:

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43302

Server Response:

| Confirmation Code | Message |
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| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
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First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:45:50 EDT

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Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

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Electronic Version v1.1

Stylesheet Version v1.1.0

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS | |
| Application Number: | 10/047550 | *10/047550* |
| Date: | 2002-01-15 | |
| First Named Applicant: | Gregory D. Miller | |
| Confirmation Number: | 5291 | |
| Attorney Docket Number: | | |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> | | |
| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

| | |
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| Documents being submitted | Files |
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| Comments | |

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention
METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (1525550 or 1548262 or 1814701 or 2415226 or 2783406 or 2920529 or 2991690 or 3258465 or 3388301 or 3443871 or 3553364 or 3576394 or 3600798 or 3656837 or 3657610 or 3693239 or 3743507 or 3752563 or 3781465 or 3783184 or 3792916 or 3802769 or 3811186 or 3861784 or 3862360 or 3871014 or 3886310 or 3896338 or 3915548 or 3935499 or 3935500 or 3938881 or 3941456 or 3942245 or 3943281 or 3947105 or 3969611 or 3980476 or 3991416 or 4001663 or 4004849 or 4006968 or 4009339 or 4011009 or 4012116 or 4012835 or 4017158 or 4020381 or 4021766 or 4034211),pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 2 | 1548262 | 1925-08-04 | A. Freedman | | | |
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

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| Examiner Name | Date |
|---------------|------|
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Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

**METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS**

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43303

Server Response:

| Confirmation Code | Message |
|-------------------|---|
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| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:47:22 EDT

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Electronic Version v1.1

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Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

| Submitted by: | Elec. Sign. | Sign. Capacity |
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| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Files

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Comments

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Stylesheet Version v18.0

| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS | | | | | | |
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| Application Number: | 10/047550 | | | | | | *10/047550* |
| Confirmation Number: | 5291 | | | | | | |
| First Named Applicant: | Gregory Miller | | | | | | |
| Attorney Docket Number: | | | | | | | |
| Search string: | (4034399 or 4035068 or 4067129 or 4084437 or 4090219 or 4093346 or 4093921 or 4093922 or 4100579 or 4103273 or 4126380 or 4127322 or 4135502 or 4139257 or 4143943 or 4163570 or 4184700 or 4185891 or 4190855 or 4195915 or 4205428 or 4211918 or 4223050 or 4225913 or 4249796 or 4250217 or 4250393 or 4256787 or 4257016 or 4290672 or 4295145 or 4311999 or 4327411 or 4327966 or 4331972 or 4336982 or 4339660 or 4343535 or 4346965 or 4348079 or 4355463 or 4361384 or 4369524 or 4374397 or 4389096 or 4391490 or 4396246 or 4398798 or 4400740 or 4408884),pn. | | | | | | |
| US Patent Documents | | | | | | | |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents | | | | | | | |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| 44 | 4374397 | 1983-02-15 | Mir | 358 | 75 |
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| 46 | 4391490 | 1983-07-05 | Hartke | 350 | 356 |
| 47 | 4396246 | 1983-08-02 | Holman | 350 | 96.14 |
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| 49 | 4400740 | 1983-08-23 | Traino et al. | 358 | 293 |
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Remarks

Note: Remarks are not for responding to an office action.

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Signature

| Examiner Name | Date |
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ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

**METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS**

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43304

Server Response:

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First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:49:04 EDT

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Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

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| Submitted by: | Elec. Sign. | Sign. Capacity |
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| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Comments

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string:

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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| 19 | 4483596 | 1984-11-20 | Marshall | 350 | 385 |
| 20 | 4484188 | 1984-11-20 | Ott | 340 | 728 |
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| 29 | 4561044 | 1985-12-24 | Ogura et al. | 362 | 84 |
| 30 | 4566935 | 1986-01-28 | Hornbeck | 156 | 626 |
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| 43 | 4636966 | 1987-01-13 | Hallori | 358 | 236 |
| 44 | 4641193 | 1987-02-03 | Gienn | 358 | 233 |
| 45 | 4645881 | 1987-02-24 | LeToumeIn et al. | 379 | 252 |
| 46 | 4646158 | 1987-02-24 | Ohno et al. | 358 | 236 |
| 47 | 4649085 | 1987-03-10 | Landram | 428 | 620 |
| 48 | 4649432 | 1987-03-10 | Watanabe | 358 | 241 |
| 49 | 4652932 | 1987-03-24 | Miyajima et al. | 358 | 236 |
| 50 | 4655539 | 1987-04-07 | Cauffield et al. | 350 | 3.6 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

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electronic filing contains part 3 out of a total of 16 electronic filings.

Signature

Examiner Name

Date

UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43305

Server Response:

| Confirmation Code | Message |
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| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
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| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:50:31 EDT

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Electronic Version v1.1

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS | |
| Application Number: | 10/047550 | *10/047550* |
| Date: | 2002-01-15 | |
| First Named Applicant: | Gregory D. Miller | |
| Confirmation Number: | 5291 | |
| Attorney Docket Number: | | |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> | | |
| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Files

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Comments

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
 Stylesheet Version v18.0

Title of Invention **METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS**

Application Number: 10/047550 *10/047550*

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (4660938 or 4661828 or 4662746 or 4663670 or 4687326 or 4698602 or 4700276 or 4707064 or 4709995 or 4710732 or 4711526 or 4714326 or 4717066 or 4719507 or 4721629 or 4722593 or 4724467 or 4728185 or 4743091 or 4744633 or 4747671 or 4751509 or 4761253 or 4763975 or 4765865 or 4772094 or 4797894 or 4797918 or 4801194 or 4803560 or 4804641 or 4807021 or 4807965 or 4809078 or 4811082 or 4811210 or 4814759 or 4817850 or 4824200 or 4827391 or 4829365 or 4836649 or 4856863 or 4856869 or 4859012 or 4859060 or 4866488 or 4882683 or 4893509 or 4896325),pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 1 | 4660938 | 1987-04-28 | Kazan | | 350 | 355 |
| | 2 | 4661828 | 1987-04-28 | Miller, Jr. et al. | | 346 | 108 |
| | 3 | 4662746 | 1987-05-05 | Hornbeck | | 350 | 269 |
| | 4 | 4663670 | 1987-05-05 | Ito et al. | | 358 | 245 |
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| 17 | 4724467 | 1988-02-09 | Yip et al. | 355 | 71 |
| 18 | 4728185 | 1988-03-01 | Thomas | 353 | 122 |
| 19 | 4743091 | 1988-05-10 | Gelbart | 350 | 252 |
| 20 | 4744633 | 1988-05-17 | Sheiman | 350 | 132 |
| 21 | 4747671 | 1988-05-31 | Takahashi et al. | 350 | 336 |
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| 30 | 4803560 | 1989-02-07 | Matsunaga et al. | 359 | 236 |
| 31 | 4804641 | 1989-02-14 | Ar'tt et al. | 437 | 227 |
| 32 | 4807021 | 1989-02-21 | Okumura | 357 | 75 |
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| 38 | 4817850 | 1989-04-04 | Wiener-Avneer et al. | 228 | 119 |
| 39 | 4824200 | 1989-04-25 | Isono et al. | 350 | 96.16 |
| 40 | 4827391 | 1989-05-02 | Silis | 363 | 41 |
| 41 | 4829365 | 1989-05-09 | Eichenlaub | 358 | 3 |
| 42 | 4836649 | 1989-06-06 | Ledebruh et al. | 350 | 331 R |
| 43 | 4856863 | 1989-08-15 | Sampsel et al. | 350 | 96.16 |
| 44 | 4856869 | 1989-08-15 | Sakata et al. | 350 | 162.18 |
| 45 | 4859012 | 1989-08-22 | Cohn | 350 | 96.24 |
| 46 | 4859060 | 1989-08-22 | Katagiri et al. | 356 | 352 |
| 47 | 4866488 | 1989-09-12 | Frenslay | 357 | 4 |
| 48 | 4882683 | 1989-11-21 | Rupp et al. | 364 | 521 |
| 49 | 4893509 | 1990-01-16 | MacIver et al. | 73 | 517 AV |
| 50 | 4896325 | 1990-01-23 | Coldren | 372 | 20 |

Remarks

Note: Remarks are not for responding to an office action.

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electronic filing contains part 4 out of a total of 16 electronic filings.

Signature

| | |
|---------------|------|
| Examiner Name | Date |
| | |

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ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

**METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS**

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43307

Server Response:

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| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:51:51 EDT

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Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

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Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

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| Submitted by: | Elec. Sign. | Sign. Capacity |
|--|-------------|----------------|
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Comments

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string:

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| Init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 1 | 4896948 | 1990-01-30 | Dono et al. | | 350 | 355 |
| | 2 | 4897708 | 1990-01-30 | Clements | | 357 | 65 |
| | 3 | 4902083 | 1990-02-20 | Wells | | 350 | 6.6 |
| | 4 | 4915463 | 1990-04-10 | Barbee, Jr. | | 350 | 1.1 |
| | 5 | 4915479 | 1990-04-10 | Clarke | | 350 | 345 |
| | 6 | 4924413 | 1990-05-08 | Suwanukul | | 364 | 521 |
| | 7 | 4926241 | 1990-05-15 | Carey | | 357 | 75 |
| | 8 | 4930043 | 1990-05-29 | Wiegand | | 361 | 283 |
| | 9 | 4934773 | 1990-06-19 | Becker | | 350 | 6.6 |
| | 10 | 4940309 | 1990-07-10 | Baum | | 350 | 171 |
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| | 12 | 4945773 | 1990-08-07 | Sickafus | | 73 | 862.59 |
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| | 15 | 4952925 | 1990-08-28 | Haasler | | 340 | 784 |
| | 16 | 4954789 | 1990-09-04 | Sampsel | | 330 | 4.3 |

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| 17 | 4956619 | 1990-09-11 | Hornbeck | 330 | 4.3 |
| 18 | 4961633 | 1990-10-09 | Ibrahim et al. | 350 | 392 |
| 19 | 4970575 | 1990-11-13 | Soga et al. | 357 | 72 |
| 20 | 4978202 | 1990-12-18 | Yang | 350 | 331 R |
| 21 | 4982184 | 1991-01-01 | Kirkwood | 340 | 783 |
| 22 | 4982265 | 1991-01-01 | Watanabe et al. | 357 | 75 |
| 23 | 4984824 | 1991-01-15 | Antes et al. | 283 | 91 |
| 24 | 4999308 | 1991-03-12 | Nishiura et al. | 437 | 4 |
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| 27 | 5013141 | 1991-05-07 | Sakata | 350 | 348 |
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| 30 | 5023905 | 1991-06-11 | Wells et al. | 379 | 96 |
| 31 | 5024484 | 1991-06-18 | Williams et al. | 350 | 3.8 |
| 32 | 5028939 | 1991-07-02 | Hornbeck et al. | 346 | 160 |
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| 34 | 5037173 | 1991-08-06 | Sampsel et al. | 385 | 17 |
| 35 | 5039628 | 1991-08-13 | Carey | 437 | 183 |
| 36 | 5040052 | 1991-08-13 | McDavid | 357 | 80 |
| 37 | 5041395 | 1991-08-20 | Steffen | 437 | 206 |
| 38 | 5041851 | 1991-08-20 | Nelson | 346 | 160 |
| 39 | 5043917 | 1991-08-27 | Okamoto | 364 | 518 |
| 40 | 5048077 | 1991-09-10 | Wells et al. | 379 | 96 |
| 41 | 5048901 | 1991-09-17 | Gelbart | 346 | 108 |
| 42 | 5058992 | 1991-10-22 | Takahashi | 359 | 567 |
| 43 | 5060058 | 1991-10-22 | Goldenberg et al. | 358 | 60 |
| 44 | 5061049 | 1991-10-29 | Hornbeck | 359 | 224 |
| 45 | 5066614 | 1991-11-19 | Dunnaway et al. | 437 | 209 |
| 46 | 5068205 | 1991-11-26 | Baxter et al. | 437 | 205 |
| 47 | 5072239 | 1991-12-10 | Mitcham et al. | 346 | 108 |
| 48 | 5072418 | 1991-12-10 | Boutaud et al. | 364 | 715.06 |
| 49 | 5074947 | 1991-12-24 | Estes et al. | 156 | 307.3 |
| 50 | 5075940 | 1991-12-31 | Kuriyama et al. | 29 | 25.03 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

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electronic filing contains part 5 out of a total of 16 electronic filings.

Signature

Examiner Name

Date

**UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

**METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS**

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43308

Server Response:

| Confirmation Code | Message |
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| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:53:11 EDT

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Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

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Electronic Version v1.1

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS | |
| Application Number: | 10/047550 | *10/047550* |
| Date: | 2002-01-15 | |
| First Named Applicant: | Gregory D. Miller | |
| Confirmation Number: | 5291 | |
| Attorney Docket Number: | | |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> | | |
| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Files

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Comments

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Stylesheet Version v18.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS

Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5079544 or 5081617 or 5083857 or 5085497 or 5089903 or 5093281 or 5096279 or 5099353 or 5101184 or 5101236 or 5103334 or 5105207 or 5105299 or 5105369 or 5107372 or 5112436 or 5113272 or 5113285 or 5115344 or 5119204 or 5121343 or 5126812 or 5126826 or 5126836 or 5128660 or 5129716 or 5132723 or 5132812 or 5136695 or 5137836 or 5142303 or 5142405 or 5142677 or 5144472 or 5147815 or 5148157 or 5148506 or 5149405 or 5150205 or 5151718 or 5151724 or 5151763 or 5153770 or 5155604 or 5155615 or 5155778 or 5155812 or 5157304 or 5159485 or 5161042).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 3 | 5083857 | 1992-01-28 | Hornbeck | | 359 | 291 |
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| | 10 | 5101236 | 1992-03-31 | Nelson et al. | | 355 | 229 |
| | 11 | 5103334 | 1992-04-07 | Swanberg | | 359 | 197 |
| | 12 | 5105207 | 1992-04-14 | Nelson | | 346 | 160 |
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| | 17 | 5113272 | 1992-05-12 | Reamey | 359 | 53 |
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| | 19 | 5115344 | 1992-05-19 | Jaskie | 359 | 573 |
| | 20 | 5119204 | 1992-06-02 | Hashimoto et al. | 358 | 254 |
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| | 22 | 5126812 | 1992-06-30 | Greiff | 357 | 25 |
| | 23 | 5126826 | 1992-06-30 | Kauchi et al. | 357 | 72 |
| | 24 | 5126836 | 1992-06-30 | Um | 358 | 60 |
| | 25 | 5128660 | 1992-07-07 | DeMond et al. | 340 | 707 |
| | 26 | 5129716 | 1992-07-14 | Holakovszky et al. | 351 | 50 |
| | 27 | 5132723 | 1992-07-21 | Gelbart | 355 | 40 |
| | 28 | 5132812 | 1992-07-21 | Takahashi et al. | 359 | 9 |
| | 29 | 5136695 | 1992-08-04 | Goldshlag et al. | 395 | 275 |
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| | 35 | 5147815 | 1992-09-15 | Casto | 437 | 51 |
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| | 44 | 5155604 | 1992-10-13 | Miekka et al. | 359 | 2 |
| | 45 | 5155615 | 1992-10-13 | Tagawa | 359 | 213 |
| | 46 | 5155778 | 1992-10-13 | Magel et al. | 385 | 18 |
| | 47 | 5155812 | 1992-10-13 | Ehlig et al. | 395 | 275 |
| | 48 | 5157304 | 1992-10-20 | Kane et al. | 313 | 495 |
| | 49 | 5159485 | 1992-10-27 | Nelson | 359 | 291 |
| | 50 | 5161042 | 1992-11-03 | Hamada | 359 | 41 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 6 out of a total of 16 electronic filings.

Signature

| | |
|---------------|------|
| Examiner Name | Date |
| | |

**UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

**METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS**

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43309

Server Response:

| Confirmation Code | Message |
|-------------------|---|
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
| ICON1 | 5291 |
| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:54:39 EDT

From: us

File Listing:

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Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS | |
| Application Number: | 10/047550 | *10/047550* |
| Date: | 2002-01-15 | |
| First Named Applicant: | Gregory D. Miller | |
| Confirmation Number: | 5291 | |
| Attorney Docket Number: | | |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> | | |
| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

us-ids

Files

SLM06100G-usidst.xml

us-ids.dtd

us-ids.xsl

Comments

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| ELECTRONIC INFORMATION DISCLOSURE STATEMENT |
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Electronic Version v18

Stylesheet Version v18.0

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS |
|---------------------------|--|

Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5162787 or 5164019 or 5165013 or 5168401 or 5168406 or 5170156 or 5170269 or 5170283 or 5172161 or 5172262 or 5177724 or 5178728 or 5179274 or 5179367 or 5181231 or 5182665 or 5185660 or 5188280 or 5189404 or 5189505 or 5191405 or 5192864 or 5192946 or 5198895 or 5202785 or 5206629 or 5208818 or 5208891 or 5210637 or 5212115 or 5212555 or 5212582 or 5214308 or 5214419 or 5214420 or 5216537 or 5216544 or 5219794 or 5220200 or 5221400 or 5221982 or 5224088 or 5226099 or 5230005 or 5231363 or 5231388 or 5231432 or 5233456 or 5233460 or 5233874).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 1 | 5162787 | 1992-11-10 | Thompson et al. | | 340 | 794 |
| | 2 | 5164019 | 1992-11-17 | Sinton | | 136 | 249 |
| | 3 | 5165013 | 1992-11-17 | Faris | | 395 | 104 |
| | 4 | 5168401 | 1992-12-01 | Endriz | | 359 | 625 |
| | 5 | 5168406 | 1992-12-01 | Nelson | | 359 | 855 |
| | 6 | 5170156 | 1992-12-08 | DeMond et al. | | 340 | 794 |
| | 7 | 5170269 | 1992-12-08 | Lin et al. | | 359 | 9 |
| | 8 | 5170283 | 1992-12-08 | O'Brien et al. | | 359 | 291 |
| | 9 | 5172161 | 1992-12-15 | Nelson | | 355 | 200 |
| | 10 | 5172262 | 1992-12-15 | Hornbeck | | 359 | 223 |
| | 11 | 5177724 | 1993-01-05 | Gelbart | | 369 | 44.16 |
| | 12 | 5178728 | 1993-01-12 | Boysel et al. | | 156 | 656 |
| | 13 | 5179274 | 1993-01-12 | Sampsell | | 250 | 208.2 |
| | 14 | 5179367 | 1993-01-12 | Shimizu | | 340 | 700 |
| | 15 | 5181231 | 1993-01-19 | Parikh et al. | | 377 | 26 |
| | 16 | 5182665 | 1993-01-26 | O'Callaghan et al. | | 359 | 95 |

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| | 17 | 5185660 | 1993-02-09 | Um | 358 | 60 |
| | 18 | 5188280 | 1993-02-23 | Nakao et al. | 228 | 123 |
| | 19 | 5189404 | 1993-02-23 | Masimo et al. | 340 | 720 |
| | 20 | 5189505 | 1993-02-23 | Bartelink | 257 | 419 |
| | 21 | 5191405 | 1993-03-02 | Tomita et al. | 257 | 777 |
| | 22 | 5192864 | 1993-03-09 | McEwen et al. | 250 | 234 |
| | 23 | 5192946 | 1993-03-09 | Thompson et al. | 340 | 794 |
| | 24 | 5198895 | 1993-03-30 | Vick | 358 | 103 |
| | 25 | 5202785 | 1993-04-13 | Nelson | 359 | 214 |
| | 26 | 5206629 | 1993-04-27 | DeMond et al. | 340 | 719 |
| | 27 | 5208818 | 1993-05-04 | Gelbart et al. | 372 | 30 |
| | 28 | 5208891 | 1993-05-04 | Prysnar | 385 | 116 |
| | 29 | 5210637 | 1993-05-11 | Puzey | 359 | 263 |
| | 30 | 5212115 | 1993-05-18 | Cho et al. | 437 | 208 |
| | 31 | 5212555 | 1993-05-18 | Stoltz | 358 | 206 |
| | 32 | 5212582 | 1993-05-18 | Nelson | 359 | 224 |
| | 33 | 5214308 | 1993-05-25 | Nishiquchi et al. | 257 | 692 |
| | 34 | 5214419 | 1993-05-25 | DeMond et al. | 340 | 794 |
| | 35 | 5214420 | 1993-05-25 | Thompson et al. | 340 | 795 |
| | 36 | 5216537 | 1993-06-01 | Hornbeck | 359 | 291 |
| | 37 | 5216544 | 1993-06-01 | Horikawa et al. | 359 | 622 |
| | 38 | 5219794 | 1993-06-15 | Satoh et al. | 437 | 209 |
| | 39 | 5220200 | 1993-06-15 | Blanton | 257 | 778 |
| | 40 | 5221400 | 1993-06-22 | Staller et al. | 156 | 292 |
| | 41 | 5221982 | 1993-06-22 | Faris | 359 | 93 |
| | 42 | 5224088 | 1993-06-29 | Atiya | 369 | 97 |
| | 43 | 5226099 | 1993-07-06 | Mignardi et al. | 385 | 19 |
| | 44 | 5230005 | 1993-07-20 | Rubino et al. | 372 | 20 |
| | 45 | 5231363 | 1993-07-27 | Sano et al. | 332 | 109 |
| | 46 | 5231388 | 1993-07-27 | Stoltz | 340 | 783 |
| | 47 | 5231432 | 1993-07-27 | Glenn | 353 | 31 |
| | 48 | 5233456 | 1993-08-03 | Nelson | 359 | 214 |
| | 49 | 5233460 | 1993-08-03 | Partlo et al. | 359 | 247 |
| | 50 | 5233874 | 1993-08-10 | Putty et al. | 73 | 517 AV |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 7 out of a total of 16 electronic filings.

Signature

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|---------------|------|
| Examiner Name | Date |
| | |

**UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1
Stylesheet Version v1.1.1

| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--------------|-------------------|-----------|--------------|---|----------------------|-------|--------|---|------|--------|------------|-------|--------------|--------------------|------|--------------|------------------|-------|--------------|---------------------|-------|------------------|--|-------|
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| Submission Type: | Information Disclosure Statement | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 10/047550 | *10/047550* | | | | | | | | | | | | | | | | | | | | | | | | |
| EFS ID: | 43311 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Server Response: | <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 20%;">Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>5291</td></tr><tr><td>ISYS5</td><td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td></tr></tbody></table> | | Confirmation Code | Message | ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1 | 5291 | ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. | | | | | | | | | | | | | | | | |
| Confirmation Code | Message | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICON1 | 5291 | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Named Applicant: | Gregory Miller | | | | | | | | | | | | | | | | | | | | | | | | | |
| Attorney Docket Number: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Timestamp: | 2003-07-10 14:56:04 EDT | | | | | | | | | | | | | | | | | | | | | | | | | |
| From: | us | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Digital Certificate Holder Name: | cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US | | | | | | | | | | | | | | | | | | | | | | | | | |

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

| Submitted by: | Elec. Sign. | Sign. Capacity |
|--|-------------|----------------|
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

us-ids

Files

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us-ids.dtd

us-ids.xsl

Comments

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| ELECTRONIC INFORMATION DISCLOSURE STATEMENT |
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Electronic Version v18

Stylesheet Version v18.0

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS |
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Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5237340 or 5237435 or 5239448 or 5239806 or 5240818 or 5245686 or 5247180 or 5247593 or 5249245 or 5251057 or 5251058 or 5254980 or 5255100 or 5256869 or 5258325 or 5260718 or 5260798 or 5262000 or 5272473 or 5278652 or 5278925 or 5280277 or 5281887 or 5281957 or 5285105 or 5285196 or 5285407 or 5287096 or 5287215 or 5289172 or 5291317 or 5291473 or 5293511 or 5296408 or 5296891 or 5296950 or 5298460 or 5299037 or 5299289 or 5300813 or 5301062 or 5303043 or 5303055 or 5307056 or 5307185 or 5310624 or 5311349 or 5311360 or 5312513 or 5313479).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 1 | 5237340 | 1993-08-17 | Nelson | | 346 | 108 |
| | 2 | 5237435 | 1993-08-17 | Kurematsu et al. | | 359 | 41 |
| | 3 | 5239448 | 1993-08-24 | Perkins et al. | | 361 | 764 |
| | 4 | 5239806 | 1993-08-31 | Maslakow | | 53 | 432 |
| | 5 | 5240818 | 1993-08-31 | Mignardi et al. | | 430 | 321 |
| | 6 | 5245686 | 1993-09-14 | Faris et al. | | 385 | 120 |
| | 7 | 5247180 | 1993-09-21 | Mitcham et al. | | 250 | 492.1 |
| | 8 | 5247593 | 1993-09-21 | Lin et al. | | 385 | 17 |
| | 9 | 5249245 | 1993-09-28 | Lebby et al. | | 385 | 89 |
| | 10 | 5251057 | 1993-10-05 | Guerin et al. | | 359 | 249 |
| | 11 | 5251058 | 1993-10-05 | MacArthur | | 359 | 249 |
| | 12 | 5254980 | 1993-10-19 | Hendrix et al. | | 345 | 84 |
| | 13 | 5255100 | 1993-10-19 | Urbanus | | 358 | 231 |
| | 14 | 5256869 | 1993-10-26 | Lin et al. | | 250 | 201.9 |
| | 15 | 5258325 | 1993-11-02 | Spitzer et al. | | 437 | 86 |
| | 16 | 5260718 | 1993-11-09 | Rommelmann et al. | | 346 | 107 R |

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| | 17 | 5260798 | 1993-11-09 | Um et al. | 358 | 233 |
| | 18 | 5262000 | 1993-11-16 | Welbourn et al. | 156 | 643 |
| | 19 | 5272473 | 1993-12-21 | Thompson et al. | 345 | 7 |
| | 20 | 5278652 | 1994-01-11 | Urbanus et al. | 358 | 160 |
| | 21 | 5278925 | 1994-01-11 | Boysel et al. | 385 | 14 |
| | 22 | 5280277 | 1994-01-18 | Hornbeck | 345 | 108 |
| | 23 | 5281887 | 1994-01-25 | Engle | 310 | 335 |
| | 24 | 5281957 | 1994-01-25 | Schoolman | 345 | 8 |
| | 25 | 5285105 | 1994-02-08 | Cain | 257 | 672 |
| | 26 | 5285196 | 1994-02-08 | Gale, Jr. | 345 | 108 |
| | 27 | 5285407 | 1994-02-08 | Gale et al. | 365 | 189.11 |
| | 28 | 5287096 | 1994-02-15 | Thompson et al. | 345 | 147 |
| | 29 | 5287215 | 1994-02-15 | Warde et al. | 359 | 293 |
| | 30 | 5289172 | 1994-02-22 | Gale, Jr. et al. | 345 | 108 |
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| | 34 | 5296408 | 1994-03-22 | Wilbarg et al. | 437 | 203 |
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| | 37 | 5298460 | 1994-03-29 | Nishiguchi et al. | 437 | 183 |
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| | 39 | 5299289 | 1994-03-29 | Omae et al. | 359 | 95 |
| | 40 | 5300813 | 1994-04-05 | Joshi et al. | 257 | 752 |
| | 41 | 5301062 | 1994-04-05 | Takahashi et al. | 359 | 567 |
| | 42 | 5303043 | 1994-04-12 | Glenn | 348 | 40 |
| | 43 | 5303055 | 1994-04-12 | Hendrix et al. | 348 | 761 |
| | 44 | 5307056 | 1994-04-26 | Urbanus | 340 | 189 |
| | 45 | 5307185 | 1994-04-26 | Jones et al. | 359 | 41 |
| | 46 | 5310624 | 1994-05-10 | Ehrlich | 430 | 322 |
| | 47 | 5311349 | 1994-05-10 | Anderson et al. | 359 | 223 |
| | 48 | 5311360 | 1994-05-10 | Bloom et al. | 359 | 572 |
| | 49 | 5312513 | 1994-05-17 | Florence et al. | 156 | 643 |
| | 50 | 5313479 | 1994-05-17 | Florence | 372 | 26 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 8 out of a total of 16 electronic filings.

Signature

| Examiner Name | Date |
|---------------|------|
| | |

UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43312

Server Response:

| Confirmation Code | Message |
|-------------------|---|
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
| ICON1 | 5291 |
| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:57:26 EDT

From: us

File Listing:

| Doc. Name | File Name | Size (Bytes) |
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Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

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Electronic Version v1.1

Stylesheet Version v1.1.0

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Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

| Submitted by: | Elec. Sign. | Sign. Capacity |
|--|-------------|----------------|
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

us-ids

Files

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us-ids.dtd

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Comments

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Stylesheet Version v18.0

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Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5313648 or 5313835 or 5315418 or 5315423 or 5319214 or 5319789 or 5319792 or 5321416 or 5323002 or 5323051 or 5325116 or 5327286 or 5329289 or 5330301 or 5330878 or 5331454 or 5334991 or 5339116 or 5339177 or 5340772 or 5345521 or 5347321 or 5347433 or 5347378 or 5348619 or 5349687 or 5351052 or 5352926 or 5354416 or 5357369 or 5357803 or 5359349 or 5359451 or 5361131 or 5363220 or 5365283 or 5367585 or 5371543 or 5371618 or 5382961 or 5387924 or 5389182 or 5391881 or 5392140 or 5392151 or 5394303 or 5398071 or 5399898 or 5404365 or 5404485).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 1 | 5313648 | 1994-05-17 | Ehlig et al. | | 395 | 800 |
| | 2 | 5313835 | 1994-05-24 | Dunn | | 73 | 505 |
| | 3 | 5315418 | 1994-05-24 | Sprague et al. | | 359 | 41 |
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| | 9 | 5323002 | 1994-06-21 | Sampsell et al. | | 250 | 252.1 |
| | 10 | 5323051 | 1994-06-21 | Adams et al. | | 257 | 417 |
| | 11 | 5325116 | 1994-06-28 | Sampsell | | 346 | 108 |
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| | 15 | 5330878 | 1994-07-19 | Nelson | | 430 | 311 |
| | 16 | 5331454 | 1994-07-19 | Hornbeck | | 359 | 224 |

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| 18 | 5339116 | 1994-08-16 | Urbanus et al. | 348 | 716 |
| 19 | 5339177 | 1994-08-16 | Jenkins et al. | 359 | 35 |
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| 21 | 5345521 | 1994-09-06 | McDonald et al. | 385 | 19 |
| 22 | 5347321 | 1994-09-13 | Gove | 348 | 663 |
| 23 | 5347433 | 1994-09-13 | Sedlmayr | 362 | 32 |
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| 28 | 5352926 | 1994-10-04 | Andrews | 257 | 717 |
| 29 | 5354416 | 1994-10-11 | Okudaira | 156 | 643 |
| 30 | 5357369 | 1994-10-18 | Pilling et al. | 359 | 462 |
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| 35 | 5363220 | 1994-11-08 | Kuwayama et al. | 359 | 3 |
| 36 | 5365283 | 1994-11-15 | Doherty et al. | 348 | 743 |
| 37 | 5367585 | 1994-11-22 | Ghezze et al. | 385 | 23 |
| 38 | 5371543 | 1994-12-06 | Anderson | 348 | 270 |
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| 42 | 5389182 | 1995-02-14 | Mignardi | 156 | 344 |
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| 45 | 5392151 | 1995-02-21 | Nelson | 359 | 223 |
| 46 | 5394303 | 1995-02-28 | Yamaji | 361 | 749 |
| 47 | 5398071 | 1995-03-14 | Gove et al. | 348 | 558 |
| 48 | 5399898 | 1995-03-21 | Rostoker | 257 | 499 |
| 49 | 5404365 | 1995-04-04 | Hihiro | 372 | 27 |
| 50 | 5404485 | 1995-04-04 | Ban | 395 | 425 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 9 out of a total of 16 electronic filings.

Signature

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| Examiner Name | Date |
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UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43313

Server Response:

| Confirmation Code | Message |
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| ICON1 | 5291 |
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First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 14:58:49 EDT

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Electronic Version v1.1

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Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

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| Submitted by: | Elec. Sign. | Sign. Capacity |
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| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Files

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Comments

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS

Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5408123 or 5410315 or 5411769 or 5412186 or 5412501 or 5418584 or 5420655 or 5420722 or 5426072 or 5427975 or 5430524 or 5435876 or 5438477 or 5439731 or 5442411 or 5442414 or 5444566 or 5445559 or 5446479 or 5447600 or 5448314 or 5448546 or 5450088 or 5450219 or 5451103 or 5452024 or 5452138 or 5453747 or 5453778 or 5453803 or 5454160 or 5454906 or 5455445 or 5455455 or 5455602 or 5457493 or 5457566 or 5457567 or 5458716 or 5459492 or 5459528 or 5459592 or 5459610 or 5461197 or 5461410 or 5461411 or 5461547 or 5463347 or 5463497 or 5465175).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 4 | 5412186 | 1995-05-02 | Gale | | 219 | 679 |
| | 5 | 5412501 | 1995-05-02 | Fisli | | 359 | 286 |
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| | 8 | 5420722 | 1995-05-30 | Bielak | | 359 | 708 |
| | 9 | 5426072 | 1995-06-20 | Finnila | | 437 | 208 |
| | 10 | 5427975 | 1995-06-27 | Sparks et al. | | 437 | 79 |
| | 11 | 5430524 | 1995-07-04 | Nelson | | 355 | 200 |
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| | 14 | 5439731 | 1995-08-08 | Li et al. | | 428 | 209 |
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| | 17 | 5444566 | 1995-08-22 | Gale et al. | 359 | 291 |
| | 18 | 5445559 | 1995-08-29 | Gale et al. | 451 | 388 |
| | 19 | 5446479 | 1995-08-29 | Thompson et al. | 345 | 139 |
| | 20 | 5447600 | 1995-09-05 | Webb | 216 | 2 |
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| | 23 | 5450088 | 1995-09-12 | Meier et al. | 342 | 51 |
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| | 25 | 5451103 | 1995-09-19 | Hatanaka et al. | 353 | 31 |
| | 26 | 5452024 | 1995-09-19 | Sampsell | 348 | 755 |
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| | 28 | 5453747 | 1995-09-26 | D'Hont et al. | 342 | 42 |
| | 29 | 5453778 | 1995-09-26 | Venkateswar et al. | 347 | 239 |
| | 30 | 5453803 | 1995-09-26 | Shapiro et al. | 353 | 119 |
| | 31 | 5454160 | 1995-10-03 | Nickel | 29 | 840 |
| | 32 | 5454906 | 1995-10-03 | Baker et al. | 216 | 66 |
| | 33 | 5455445 | 1995-10-03 | Kurtz et al. | 257 | 419 |
| | 34 | 5455455 | 1995-10-03 | Badehi | 257 | 690 |
| | 35 | 5455602 | 1995-10-03 | Tew | 347 | 239 |
| | 36 | 5457493 | 1995-10-10 | Leddy et al. | 348 | 164 |
| | 37 | 5457566 | 1995-10-10 | Sampsell et al. | 359 | 292 |
| | 38 | 5457567 | 1995-10-10 | Shinohara | 359 | 305 |
| | 39 | 5458716 | 1995-10-17 | Alfaro et al. | 156 | 245 |
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| | 41 | 5459528 | 1995-10-17 | Pettitt | 348 | 568 |
| | 42 | 5459592 | 1995-10-17 | Shibatani et al. | 359 | 40 |
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| | 44 | 5461197 | 1995-10-24 | Hiruta et al. | 174 | 52.4 |
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| | 48 | 5463347 | 1995-10-31 | Jones et al. | 330 | 253 |
| | 49 | 5463497 | 1995-10-31 | Muraki et al. | 359 | 618 |
| | 50 | 5465175 | 1995-11-07 | Woodgate et al. | 359 | 463 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 10 out of a total of 16 electronic filings.

Signature

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| Examiner Name | Date |
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**UNITED STATES PATENT AND TRADEMARK OFFICE
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Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

**METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS**

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43314

Server Response:

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First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 15:00:09 EDT

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Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

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| Submitted by: | Elec. Sign. | Sign. Capacity |
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| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Stylesheet Version v18.0

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS |
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Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5467106 or 5467138 or 5467146 or 5469302 or 5471341 or 5473512 or 5475236 or 5480839 or 5481118 or 5481133 or 5482564 or 5482818 or 5483307 or 5485172 or 5485304 or 5485354 or 5486698 or 5486841 or 5486946 or 5488431 or 5489952 or 5490009 or 5491510 or 5491612 or 5491715 or 5493177 or 5493439 or 5497172 or 5497197 or 5497262 or 5499060 or 5499062 or 5500761 or 5502481 or 5504504 or 5504514 or 5504575 or 5504614 or 5506171 or 5506597 or 5506720 or 5508558 or 5508561 or 5508565 or 5508750 or 5508840 or 5508841 or 5510758 or 5510824 or 5512374).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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| | 2 | 5467138 | 1995-11-14 | Gove | | 348 | 452 |
| | 3 | 5467146 | 1995-11-14 | Huang et al. | | 348 | 743 |
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| | 6 | 5473512 | 1995-12-05 | Degani et al. | | 361 | 760 |
| | 7 | 5475236 | 1995-12-12 | Yoshizaki | | 257 | 48 |
| | 8 | 5480839 | 1996-01-02 | Ezawa et al. | | 437 | 209 |
| | 9 | 5481118 | 1996-01-02 | Tew | | 250 | 551 |
| | 10 | 5481133 | 1996-01-02 | Hsu | | 257 | 621 |
| | 11 | 5482564 | 1996-01-09 | Douglas et al. | | 134 | 18 |
| | 12 | 5482818 | 1996-01-09 | Nelson | | 430 | 394 |
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| | 15 | 5485304 | 1996-01-16 | Kaeriyama | | 359 | 291 |
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| | 32 | 5499062 | 1996-03-12 | Urbanus | 348 | 771 |
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| | 34 | 5502481 | 1996-03-26 | Dentinger et al. | 348 | 51 |
| | 35 | 5504504 | 1996-04-02 | Markandey et al. | 345 | 214 |
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| | 38 | 5504614 | 1996-04-02 | Webb et al. | 359 | 223 |
| | 39 | 5506171 | 1996-04-09 | Leonard et al. | 437 | 187 |
| | 40 | 5506597 | 1996-04-09 | Thompson et al. | 345 | 85 |
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| | 42 | 5508558 | 1996-04-16 | Robinette, Jr. et al. | 257 | 700 |
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 11 out of a total of 16 electronic filings.

Signature

| Examiner Name | Date |
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UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43315

Server Response:

| Confirmation Code | Message |
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First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 15:01:21 EDT

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS | |
| Application Number: | 10/047550 | *10/047550* |
| Date: | 2002-01-15 | |
| First Named Applicant: | Gregory D. Miller | |
| Confirmation Number: | 5291 | |
| Attorney Docket Number: | | |
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| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Files

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Comments

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Stylesheet Version v18.0

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Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5512748 or 5515076 or 5516125 or 5517340 or 5517347 or 5517357 or 5517359 or 5519251 or 5519450 or 5521748 or 5523619 or 5523628 or 5523803 or 5523878 or 5523881 or 5523920 or 5524155 or 5534107 or 5534883 or 5539422 or 5544306 or 5554304 or 5576878 or 5602671 or 5606181 or 5606447 or 5610438 or 5623361 or 5629566 or 5629801 or 5640216 or 5658698 or 5661592 or 5661593 or 5663817 or 5668611 or 5673139 or 5677783 or 5689361 or 5691836 or 5694740 or 5696560 or 5699740 or 5704700 or 5707160 or 5712649 or 5713652 or 5726480 or 5731802 or 5734224).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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| | 7 | 5517359 | 1996-05-14 | Gelbart | | 359 | 623 |
| | 8 | 5519251 | 1996-05-21 | Sato et al. | | 257 | 666 |
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| | 40 | 5691836 | 1997-11-25 | Clark | 359 | 247 |
| | 41 | 5694740 | 1997-12-09 | Martin et al. | 53 | 431 |
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| | 46 | 5712649 | 1998-01-27 | Tosaki | 345 | 8 |
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| | 48 | 5726480 | 1998-03-10 | Pister | 257 | 415 |
| | 49 | 5731802 | 1998-03-24 | Aras et al. | 345 | 148 |
| | 50 | 5734224 | 1998-03-31 | Tagawa et al. | 313 | 493 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 12 out of a total of 16 electronic filings.

Signature

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| Examiner Name | Date |
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**UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

**METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS**

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43316

Server Response:

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First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 15:02:44 EDT

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Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

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| Submitted by: | Elec. Sign. | Sign. Capacity |
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| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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Electronic Version v18

Stylesheet Version v18.0

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS |
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Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5742373 or 5744752 or 5745271 or 5757354 or 5757536 or 5764280 or 5768009 or 5773473 or 5793519 or 5798743 or 5798805 or 5801074 or 5802222 or 5808323 or 5808797 or 5815126 or 5825443 or 5835255 or 5835256 or 5837562 or 5841579 or 5844711 or 5847859 or 5862164 or 5868854 or 5886675 or 5892505 or 5895233 or 5898515 or 5903243 or 5903395 or 5910856 or 5912094 or 5912608 or 5914801 or 5915168 or 5919548 or 5920411 or 5920418 or 5923475 or 5926309 or 5926318 or 5942791 or 5949390 or 5949570 or 5953161 or 5955771 or 5978127 or 5982553 or 5986634).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 19 | 5835256 | 1998-11-10 | Huibers | 359 | 291 |
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| | 21 | 5841579 | 1998-11-24 | Bloom et al. | 359 | 572 |
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| | 34 | 5912608 | 1999-06-15 | Asada | 335 | 222 |
| | 35 | 5914801 | 1999-06-22 | Dhuler et al. | 359 | 230 |
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| | 49 | 5982553 | 1999-11-09 | Bloom et al. | 359 | 627 |
| | 50 | 5986634 | 1999-11-16 | Alioshin | 345 | 126 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 13 out of a total of 16 electronic filings.

Signature

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| Examiner Name | Date |
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UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43317

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First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 15:04:08 EDT

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Electronic Version v1.1

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| Application Number: | 10/047550 | *10/047550* |
| Date: | 2002-01-15 | |
| First Named Applicant: | Gregory D. Miller | |
| Confirmation Number: | 5291 | |
| Attorney Docket Number: | | |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> | | |
| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

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| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS |
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Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5986796 or 5995303 or 5999319 or 6004912 or 6016222 or 6025859 or 6038057 or 6040748 or 6046840 or 6055090 or 6057520 or 6061166 or 6061489 or 6062461 or 6064404 or 6069392 or 6071652 or 6075632 or 6084626 or 6088102 or 6090717 or 6091521 or 6096576 or 6097352 or 6101036 or 6115168 or 6122299 or 6123985 or 6124145 or 6130770 or 6144481 or 6147789 or 6154259 or 6163026 or 6163402 or 6169624 or 6172796 or 6172797 or 6177980 or 6181458 or 6188519 or 6195196 or 6197610 or 6210988 or 6215579 or 6219015 or 6222954 or 6229650 or 6229683 or 6241143).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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| 28 | 6123985 | 2000-09-26 | Robinson et al. | | 427 | 162 |
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| 30 | 6130770 | 2000-10-10 | Bloom | | 359 | 224 |
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| 33 | 6154259 | 2000-11-28 | Hargis et al. | | 348 | 756 |
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| 35 | 6163402 | 2000-12-19 | Chou et al. | | 359 | 443 |
| 36 | 6169624 | 2001-01-02 | Godil et al. | B1 | 359 | 237 |
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| 40 | 6181458 | 2001-01-30 | Brazas, Jr. et al. | B1 | 359 | 290 |
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 14 out of a total of 16 electronic filings.

Signature

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| Examiner Name | Date |
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UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Submission Type: Information Disclosure Statement

Application Number: 10/047550

10/047550

EFS ID: 43318

Server Response:

| Confirmation Code | Message |
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| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
| ICON1 | 5291 |
| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Gregory Miller

Attorney Docket Number:

Timestamp: 2003-07-10 15:05:32 EDT

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TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

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| Submitted by: | Elec. Sign. | Sign. Capacity |
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| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS

Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (6251842 or 6252697 or 6254792 or 6261494 or 6268952 or 6271145 or 6271808 or 6274469 or 6290859 or 6290864 or 6300148 or 6303986 or 6310018 or 6323984 or 6342960 or 6356577 or 6359333 or 6384959 or 6387723 or 6392309 or 6396789 or 6421179 or 6445502 or 6452260 or 6480634 or 6497490 or 6525863 or 6563974),pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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| | 16 | 6356577 | 2002-03-12 | Miller | B1 | 372 | 107 |
| | 17 | 6359333 | 2002-03-19 | Wood et al. | B1 | 257 | 704 |
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| | 20 | 6392309 | 2002-05-21 | Wataya et al. | B1 | 257 | 796 |
| | 21 | 6396789 | 2002-05-28 | Guerra et al. | B1 | 369 | 112 |
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| | 23 | 6445502 | 2002-06-03 | Islam et al. | B1 | 359 | 571 |
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| | 25 | 6480634 | 2002-11-12 | Corrigan | B1 | 385 | 4 |
| | 26 | 6497490 | 2002-12-24 | Miller et al. | B1 | 359 | 614 |
| | 27 | 6525863 | 2003-02-25 | Riza | B1 | 359 | 290 |
| | 28 | 6563974 | 2003-05-13 | A. Riza | B2 | 385 | 18 |

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 15 out of a total of 16 electronic filings.

Signature

| | |
|---------------|------|
| Examiner Name | Date |
| | |

Documents being submitted

us-ids

Files

SLM06100O-usidst.xml

us-ids.dtd

us-ids.xsl

Comments

**UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--------------|-------------------|---------|-------|---|-------|------|-------|---|-----------|-----------|--------------|--------|----------------------|------|--------|------------|------|--------|------------|-------|--------------|--------------------|------|--------------|------------------|-------|--------------|---------------------|-------|------------------|--|-------|
| <p>Submission Type: Information Disclosure Statement</p> <p>Application Number: 10/047550 *10/047550*</p> <p>EFS ID: 43319</p> <p>Server Response:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 15%;">Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>5291</td> </tr> <tr> <td>ISYS5</td> <td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table> <p>First Named Applicant: Gregory Miller</p> <p>Attorney Docket Number:</p> <p>Timestamp: 2003-07-10 15:06:57 EDT</p> <p>From: us</p> <p>File Listing:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 20%;">Doc. Name</th> <th style="width: 50%;">File Name</th> <th style="width: 30%;">Size (Bytes)</th> </tr> </thead> <tbody> <tr> <td>us-ids</td> <td>SLM06100P-usidst.xml</td> <td style="text-align: right;">4519</td> </tr> <tr> <td>us-ids</td> <td>us-ids.dtd</td> <td style="text-align: right;">7763</td> </tr> <tr> <td>us-ids</td> <td>us-ids.xsl</td> <td style="text-align: right;">12026</td> </tr> <tr> <td>package-data</td> <td>SLM06100P-pkda.xml</td> <td style="text-align: right;">1835</td> </tr> <tr> <td>package-data</td> <td>package-data.dtd</td> <td style="text-align: right;">27025</td> </tr> <tr> <td>package-data</td> <td>us-package-data.xsl</td> <td style="text-align: right;">19263</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total files size</td> <td style="text-align: right;">72431</td> </tr> </tbody> </table> <p>Message Digest: cda46d04cd48419ae3d4d739ef74fba61b896b46</p> <p>Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US</p> | | | Confirmation Code | Message | ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1 | 5291 | ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. | Doc. Name | File Name | Size (Bytes) | us-ids | SLM06100P-usidst.xml | 4519 | us-ids | us-ids.dtd | 7763 | us-ids | us-ids.xsl | 12026 | package-data | SLM06100P-pkda.xml | 1835 | package-data | package-data.dtd | 27025 | package-data | us-package-data.xsl | 19263 | Total files size | | 72431 |
| Confirmation Code | Message | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICON1 | 5291 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Doc. Name | File Name | Size (Bytes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-ids | SLM06100P-usidst.xml | 4519 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-ids | us-ids.dtd | 7763 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-ids | us-ids.xsl | 12026 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| package-data | SLM06100P-pkda.xml | 1835 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| package-data | package-data.dtd | 27025 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| package-data | us-package-data.xsl | 19263 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total files size | | 72431 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD
FERROELECTRICS

Application Number: 10/047550 *10/047550*

Date: 2002-01-15

First Named Applicant: Gregory D. Miller

Confirmation Number: 5291

Attorney Docket Number:

I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

| Submitted by: | Elec. Sign. | Sign. Capacity |
|--|-------------|----------------|
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

Documents being submitted

Files

us-ids

SLM06100P-usidst.xml

us-ids.dtd

us-ids.xsl

Comments

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| ELECTRONIC INFORMATION DISCLOSURE STATEMENT |
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Electronic Version v18

Stylesheet Version v18.0

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|---------------------------|--|
| Title of Invention | METHOD FOR DOMAIN PATTERNING IN LOW COERCIVE FIELD FERROELECTRICS |
|---------------------------|--|

Application Number: 10/047550

10/047550

Confirmation Number: 5291

First Named Applicant: Gregory Miller

Attorney Docket Number:

Search string: (5963788 or 6356689 or 5319668 or 20020015230 or 20020021485 or
20020079432 or 20020105725 or 20020112746 or 20020131230 or
20010019454).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
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| | 3 | 5319668 | 1994-06-07 | Luecke | | 372 | 107 |

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
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| | 1 | 20020015230 | 2002-02-07 | Pilossof et al. | A1 | 359 | 558 |
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current

electronic filing contains part 16 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

Signature

| | |
|---------------|------|
| Examiner Name | Date |
| | |